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MISSISSIPPI STATE DEPARTMENT OF HEALTH
BUREAU OF PUBLIC WATER SUPPLY
CCR CERTIFICATION
CALENDAR YEAR 2013 Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community public water system to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the cus <u>em</u>

customers upon request. Make sure you follow the proper procedures when distributing the CCR. You must mail, fax o email a copy of the CCR and Certification to MSDH. Please check all boxes that apply.
Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
Advertisement in local paper (attach copy of advertisement) On water bills (attach copy of bill) Email message (MUST Email the message to the address below) Other
Date(s) customers were informed: $62914$ , / / , / /
CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used
Date Mailed/Distributed:/
CCR was distributed by Email (MUST Email MSDH a copy)  As a URL (Provide URL)  As an attachment  As text within the body of the email message
Name of Newspaper: Greenwood Commonwea Hh
Date Published: 6 /27/14
CCR was posted in public places. (Attach list of locations)  Date Posted: 6/27/14  CCR was posted on a publicly accessible internet site at the following address (DIRECT URL REQUIRED):
CERTIFICATION  I hereby certify that the 2013 Consumer Confidence Report (CCR) has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.  Name/Title (President, Mayor, Owner, etc.)  Date

Deliver or send via U.S. Postal Service: Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215

May be faxed to: (601)576-7800

May be emailed to: Melanie. Yanklowski@msdh.state.ms.us

# Phillip Water Assn. PWS ID#0680033 2013 Consumer Confidence Report

## Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, & how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

### Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, & infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium & other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

### Where does my water come from?

Our water source is a water well. Our well draws from the Meridian-Upper Wilcox aquifer.

# Availability of Consumer Confidence Report & Source Water Assessment

The Consumer Confidence Report & the Source Water Assessment Report will not be mailed to water system customers. However, they are available upon request from the water system.

The MDEQ Office of Land & Water PWS Report shows the final susceptibility assessment ranking of Moderate.

### Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants & potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water & bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, & wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals &, in some cases, radioactive material, & can pick up substances resulting from the presence of animals or from human activity: microbial contaminants, such as viruses & bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, & wildlife; inorganic contaminants, such as salts & metals, which can be naturally occurring or result from urban storm water runoff, industrial, or domestic wastewater discharges, oil & gas production, mining, or farming; pesticides & herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, & residential uses; organic Chemical Contaminants, including synthetic & volatile organic chemicals, which are by-products of industrial processes & petroleum production, & can also come from gas stations, urban storm water runoff, & septic systems; & radioactive contaminants, which can be naturally occurring or be the result of oil & gas production & mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food & Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

# How can I get involved?

We want our valued customers to be informed about their water system. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of the month at 7:00 P.M. at the Phillip Fire Department. You may call the water system office for further information.

### **Description of Water Treatment Process**

Your water is treated by disinfection. Disinfection involves the addition of chlorine or other disinfectant to kill dangerous bacteria & microorganisms that may be in the water. Disinfection is considered to be one of the major public health advances of the 20th century.

### **Water Conservation Tips**

Did you know that the average U.S. household uses approximately 400 gallons of water per day or 100 gallons per person per day? Luckily, there are many low-cost & no-cost ways to conserve water. Small changes can make a big difference – try one today & soon it will become second nature.

- Take short showers a 5 minute shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath.
- Shut off water while brushing your teeth, washing your hair & shaving & save up to 500 gallons a month.
- Use a water-efficient showerhead. They're inexpensive, easy to install, & can save you up to 750 gallons a month.
- Run your clothes washer & dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Water plants only when necessary.
- Fix leaky toilets & faucets. Faucet washers are inexpensive & take only a few minutes to replace. To check your toilet for a leak, place a few drops of food coloring in the tank & wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month.
- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it & during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit <u>www.epa.gov/watersense</u> for more information.

### **Cross Connection Control Survey**

The purpose of this survey is to determine whether a cross-connection may exist at your home or business. A cross connection is an unprotected or improper connection to a public water distribution system that may cause contamination or pollution to enter the system. We are responsible for enforcing cross-connection control regulations & insuring that no contaminants can, under any flow conditions, enter the distribution system. If you have any of the devices listed below please contact us so that we can discuss the issue, & if needed, survey your connection & assist you in isolating it if that is necessary.

- · Boiler/ Radiant heater (water heaters not included)
- · Underground lawn sprinkler system
- · Pool or hot tub (whirlpool tubs not included)
- · Additional source(s) of water on the property
- Decorative pond
- Watering trough

### Source Water Protection Tips

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn & garden fertilizers & pesticides they contain hazardous chemicals that can reach your drinking water source.
- Pick up after your pets.
- If you have your own septic system, properly maintain your system to reduce leaching to water sources or consider connecting to a public water system.
- Dispose of chemicals properly; take used motor oil to a recycling center.
- Volunteer in your community. Find a watershed or wellhead protection organization in your community & volunteer to help. If there are no active groups, consider starting one. Use EPA's Adopt Your Watershed to locate groups in your community, or visit the Watershed Information Network's How to Start a Watershed Team.
- Organize a storm drain stenciling project with your local government or water supplier. Stencil a message next to the street drain reminding people "Dump No Waste Drains to River" or "Protect Your Water." Produce & distribute a flyer for households to remind residents that storm drains dump directly into your local water body.

### Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women & young children. Lead in drinking water is primarily from materials & components associated with service lines & home plumbing. Phillip Water Assn. is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, & steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, & in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water & have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms & abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

	MCLG or	MCL, TT, or	Your	Ra	inge	Sample		
<u>Contaminants</u>	MRDLG	MRDL	Water	Low	<u>High</u>	<u>Date</u>	<u>Violation</u>	Typical Source
Disinfectants & Disin	nfectant B	y-Produc	ets					
(There is convincing of	evidence th	at additic	n of a di	sinfect	ant is n	ecessary	for control	of microbial contaminants)
Chlorine (as Cl2) (ppm)	4 4		0.5	0.17	1.34	2013	No	Water additive used to control microbes
TTHMs [Total Trihalomethanes] (ppb)	NA	80	11.45	NA		2011	No	By-product of drinking water disinfection
Inorganic Contamin	ants							
Barium (ppm)	2	2	0.0059	NA		2013	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	4	4	0.135	NA		2013	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer & aluminum factories
Radioactive Contam	inants							
Alpha emitters (pCi/L)	0	15	0.7	NA		2012	No	Erosion of natural deposits
<u>Contaminants</u>	MCLG	<u>AL</u>	Your <u>Water</u>	Sam <u>Dat</u>		# Samples Exceed Exceeding AL AL		소문을 전달하다는 것이 하고 그는 것이 되는 그 얼마를 하는 것이 없었다.
Inorganic Contamin	ants							
Copper - action level at consumer taps (ppm)	1.3	1.3	1	201	.1	0	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15	3	201	1	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

### **Undetected Contaminants**

The following contaminants were monitored for, but not detected, in your water.

<u>Contaminants</u>	MCLG or <u>MRDLG</u>	MCL or <u>MRDL</u>	Your <u>Water</u>	<u>Violation</u>	Typical Source
Nitrate [measured as Nitrogen] (ppm)	10	10	ND		Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [measured as Nitrogen] (ppm)	1	1	ND		Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Haloacetic Acids (HAA5) (ppb)	NA	60	ND	No	By-product of drinking water chlorination
Uranium (ug/L)	0	30	ND	No	Erosion of natural deposits
Radium (combined 226/228) (pCi/L)	0	5	ND	No	Erosion of natural deposits
Chromium (ppb)	100	100	ND		Discharge from steel & pulp mills; Erosion of natural deposits

Unit Descripti	ions				
	Term	Definition			
	ug/L	ug/L: Number of micrograms of substance in one liter of water			
	ppm	ppm: parts per million, or milligrams per liter (mg/L)			
	ppb	ppb: parts per billion, or micrograms per liter (μg/L)			
	pCi/L	pCi/L: picocuries per liter (a measure of radioactivity)			
	NA	NA: not applicable			
	ND	ND: Not detected			
	NR	NR: Monitoring not required, but recommended.			
Important Dr	inking Water Definitions				
Term		Definition			
MCLG	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there no known or expected risk to health. MCLGs allow for a margin of safety.				
MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.				
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water				
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.				
Variances & Exemptions	Variances & Exemptions: conditions.	State or EPA permission not to meet an MCL or a treatment technique under certain			
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants t control microbial contaminants.				
MRDL		l disinfectant level. The highest level of a disinfectant allowed in drinking water. ace that addition of a disinfectant is necessary for control of microbial contaminants.			
MNR	MNR: Monitored Not Reg	ulated			
MPL	MPL: State Assigned Max	imum Permissible Level			
For more info	rmation please contact:				

Contact Name: Mike Garrett

Address: POB 145, Phillip, MS 38950

Phone: 662-299-0141

# PROOF OF PUBLICATION

See attached
Phillip report
Water report

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DEFLORE COUNTY  Before me,
A Notary Public.
Before me,
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  Water plates only abon accessory.

  Fit leasy toules & Ducest. Placed washers are incapenied, able only a few minutes to replace. To check your notice for a lock, place a few drops of food coloring in the tank & wait. If it seeps into the toilet bowl without product for a lock, place a few drops of food coloring in the tank & wait. If it seeps into the toilet bowl without place and the service of the coloring in the tank & wait. If it seeps into the toilet bowl without place and the service of the coloring in the tank & wait. If it seeps into the toilet bowl without place and the service of the coloring in the tank & wait. If it seeps into the toilet bowl without place and the service of the coloring in the tank and the service of the coloring in the tank and the service of the coloring in the tank and the service of the coloring in the tank and the service of the coloring in the service of the service
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water was	MCLG	MCL.	4400		44	100	3.5	2.0	
(26) (67) (J. 189)	or.	11,00	Your	Ra	nge	Sample	w.		The substance of agrees
Contaminant	MRDLG	MRDL	Water	Low	High	Date	Υk	lation	Typical Source
Olumfectants & Disi	fectant B	Produ	ti.				46		
Placer is convenient a	vidente il	at additio	gotadi	hice	ans in t	DC+Stury	or c	onimo) al	quetrobial contarolisants; 1 % j
Chlorine (as CI2): : ( ppm)	. 4	4	0.5	0.17	1.34.	2013		No 1	Water additive used to control microbes
TTHMs (Total Frihalomethanes) ppb)	NA.	80	11.45	NA		2011			By-product of drinking water lisinfection
norganie Contamin	atris .	100	200	<b>XX</b>	1000	0.00	100		10 mm
Barium (ppm)	2	2	0.0059	NA		2013		No 1	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	4	4	0.135	NA		2013	No E		crosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer & aluminum actories
Radioactive Contant	aunte	ASS				\$ 4 82			
Alpha contters pCi/L)	0	15	0.7	NA		2012	_	No I	Prosion of natural deposits
Contaminants	MCLC	ΔL	Your Water						Typical Source
norganic Contamin	nole 🔑 :					10000	314	r men	er fan 'n de fan de spekenske fan de
Copper - action level at consumer taps (ppm)	1,3	1.3	ı	201	11	0		No	Corrosion of household plumbing systems; Erosion of natural deposits
.ead - action level at consumer taps (ppb)	0	15	3	201	1	0		No	Corrosion of household plumbing systems; Erosion of natural deposits

		Onderected C	esammanas.
The following contaminants were:	monitored for	but not detecte	ed, in your water

The following contaminant	ts were moni	tored for, i	out not dete	cted, in your w	ater.
100		962	Your		Trujeni Source
Nitrate [measured as Nitrogen] (ppm)	10	10	ND	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [measured as Nitrogen] (ppm)	ı	1	ND	· No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Haloucetic Acids (HAA5) (ppb)	NA	60	ND	No	By-product of drinking water chlorination
Uranium (ug/L)	0	30	ND	No	Erosion of natural deposits
Radium (combined 226/228) (pCi/L)	0	5	ND	No	Erosion of natural deposits
Chromium (ppb)	100	100	ND	No	Discharge from steel & pulp mills; Erosion of natural deposits

Term	Definition
ug/L	ug/L: Number of micrograms of substance in one liter of water
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	pph: parts per billion, or micrograms per liter (µg/L)
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NR	NR: Monitoring not required, but recommended.

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	MNR: Monitored Not Regulated
MNR	

Contact Name: Mike Garrett Address: POB 145, Phillip, MS 38950 Phone: 662-299-0141

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